

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Previously Presented) System for reading information from a record carrier, the system comprising:

a record carrier comprising a track for carrying marks representing the information, and

a device for reading the information from the track,
which record carrier comprises:

(a) an integrated circuit comprising communication means for contactlessly communicating with the device and

(b) a power supply coil for generating supply power from low frequency magnetic flux changes, and

which device comprises:

(a) a head for reading the marks,

(b) communication means for contactlessly communicating with the integrated circuit,

(c) a magnetic array having a plurality of poles for generating a static magnetic field having flux areas with positive and negative magnetic flux for detection by the power supply coil, and

(d) drive means for rotating the record carrier for scanning the track via the head and for moving the integrated circuit through the magnetic field for creating the low frequency magnetic flux changes.

2. (Previously Presented) A device for reading the information from a track of a record carrier,

which record carrier comprises:

(a) an integrated circuit comprising communication means for contactlessly communicating with the device and

(b) a power supply coil for generating supply power from low frequency magnetic flux changes,

which device comprises:

(a) a head for reading the marks,

(b) communication means for contactlessly communicating with the integrated circuit,

(c) a magnetic array having a plurality of poles for generating a static magnetic field having flux areas with positive and negative magnetic flux for detection by the power supply coil, and

(d) drive means for rotating the record carrier for scanning the track via the head and for moving the integrated circuit through the flux areas for creating the low frequency magnetic flux changes.

3. (Original) Device as claimed in claim 2, wherein the magnetic array is arranged to create the flux areas having a dimension in the direction of said movement of the integrated circuit of the same order of magnitude as the dimension of the integrated circuit.

4. (Original) Device as claimed in claim 2, wherein the magnetic array is arranged to create the flux areas only along a circle segment substantially smaller than the full circle of the path traveled by the integrated circuit during said movement.

5. (Original) Device as claimed in claim 2, wherein the magnetic array comprises a plurality of rectangular magnets fitted in a magnetically conducting rail.

6. (Currently Amended) Record carrier comprising ~~a track~~ tracks for carrying marks representing information, wherein said information is read from said record carrier tracks by contactless communication by a device,

(I) which record carrier comprises:

an integrated circuit comprising:

(a) communication means for contactlessly communicating
with a device for reading information from said tracks and;

(b) a power supply coil for generating supply power from
low frequency magnetic flux changes created by moving the integrated circuit through a magnetic field having flux areas with positive and negative magnetic flux,

wherein said flux has a dimension in the direction of said movement
of the integrated circuit of the same order of magnitude as the dimension of the integrated circuit; and

wherein said power supply is directly and only available as soon as the
record carrier is rotated at a predetermined minimum speed

(II) which device comprises:

(a) a head for reading the marks,

(b) communication means for contactlessly communicating with
the integrated circuit,

(c) a magnetic array having a plurality of poles for generating a
static magnetic field having flux areas with positive and negative magnetic flux for
detection by the power supply coil, and

(d) drive means for rotating the record carrier for scanning the
track via the head and for moving the integrated circuit through the magnetic field for
creating the low frequency magnetic flux changes.

7. (Original) Record carrier as claimed in claim 6, wherein the track is arranged on a conductive recording layer, and said layer is interrupted in an annular area containing the integrated circuit.

8. (Currently Amended) Integrated circuit embedded in a record carrier comprising tracks for carrying marks representing information, wherein said information is read from said record carrier tracks by contactless communication by a device,

(I) which integrated circuit comprises;

(a) communication means for contactlessly communicating with a device; and

(b) a power supply coil for generating supply power from low frequency magnetic flux changes created by moving the integrated circuit through a magnetic field having flux areas with positive and negative magnetic flux

wherein said flux has a dimension in the direction of said movement of the integrated circuit of the same order of magnitude as the dimension of the integrated circuit; and

wherein said power supply is directly and only available as soon as the record carrier is rotated at a predetermined minimum speed

(II) wherein said device comprises:

(a) a head for reading the marks,

(b) communication means for contactlessly communicating with the integrated circuit,

(c) a magnetic array having a plurality of poles for generating a static magnetic field having flux areas with positive and negative magnetic flux for detection by the power supply coil, and

(d) drive means for rotating the record carrier for scanning the track via the head and for moving the integrated circuit through the magnetic field for creating the low frequency magnetic flux changes.

9. (Original) Integrated circuit as claimed in claim 8, wherein the power supply coil has at least 10 windings.

10. (Previously Presented) Integrated circuit as claimed in claim 8, wherein the integrated circuit comprises a speed detection unit for detecting the speed of a movement of the

integrated circuit through a magnetic field having flux areas with positive and negative magnetic flux, whereby said speed detection unit makes said power supply directly and only available as soon as the record carrier is rotated at a predetermined minimum speed.

11. (Previously Presented) A system according to claim 1, wherein the power supply coil has a number of windings integrated on the metal layers of the integrated circuit.

12. (Previously Presented) A device according to claim 2, wherein the power supply coil is integrated within the integrated circuit.

13. (Previously Presented) A device according to claim 2, further comprising receiving and transmitting means for receiving and transmitting additional information stored in the integrated circuit.

14. (Previously Presented) A device according to claim 2, wherein the additional information comprises a key for one of scrambling and/or descrambling the additional information.

15. (Previously Presented) A device according to claim 13, wherein the transmitting means further comprises scrambling means for scrambling the additional information communicated from the device to the integrated circuit.

16. (Previously Presented) A device according to claim 13, wherein the transmitting means further comprises descrambling means for descrambling the additional information received by the device from the integrated circuit.

17. (Previously Presented) A record carrier according to claim 6, wherein the power supply coil has a number of windings integrated on the metal layers of the integrated circuit.

18. (Previously Presented) An integrated circuit of claim 8, wherein the power supply coil has a number of windings integrated on the metal layers of the integrated circuit.